

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In the application of** : Howard J. Smith  
**Serial No.** : 09/945,171  
**Filed** : August 30, 2001  
**For** : Improved Amplitude and Phase Comparator  
for Microwave Power Amplifier  
**Examiner** : Erin M. File  
**Art Unit** : 2611  
**Customer number** : 23644

**RESPONSE TO OFFICE ACTION MAILED JANUARY 29, 2007**

Honorable Director of Patents and Trademarks  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir,

In response to the Office Action mailed January 29, 2007, it is requested that the application be amended as follows: